

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) An electropositive production well treating fluid,
comprising:

at least one cationic fluid loss additive with a content of 0.05-5% by
weight;

at least one cationic viscosifier with a content of 0.05-5% by weight;

an electrical stabilizing agent with a content of 0.1-15% by weight;

a mud-building agent with a content of 0.5-6% by weight;

the contents above are based on total weight of the production well
treating fluid;

and water,

wherein said electrical stabilizing agent is at least one selected from the
group consisting of an inorganic salt of iron, an inorganic salt of aluminum,
hydroxylaluminum and an organic cationic etherifying agent.

2. (Canceled)

3. (Currently Amended) The production well treating fluid according to claim 1 ~~or~~ 2,
which further comprises at least one additive selected from the group consisting of a colloid-
stabilizing agent, a lubricant, an oil layer protective agent and a weighting agent.

4-5. (Canceled)

6. (Currently Amended) The production well treating fluid according to claim 1, which further comprises:

- a ~~mud-building agent~~;
- a colloid-stabilizing agent;
- a lubricant;
- an oil layer protective agent; and
- a weighting agent.

7. (Currently amended) The production well treating fluid according to claim 1, wherein said cationic fluid loss additive is at least one selected from the group consisting of a ~~cationic polymer having a low molecular weight~~, a cationic starch, a cationic modified cellulose, a cationic lignin and a cationic modified lignite.

8. (Previously presented) The production well treating fluid according to claim 1, wherein said cationic viscosifier is at least one selected from the group consisting of an inorgano-electropositive gel, a black organo-electropositive gel, a cationic guanidine gel, a cationic polyacrylamide and a polyquaternary ammonium salt.

9. (Currently Amended) The production well treating fluid according to claim 1 ~~claim 2~~, wherein said mud-building agent is at least one selected from the group consisting of a clay

mineral which has a zeta potential higher than -10 mv and a modified product of said clay mineral.

10. (Canceled)

11. (Currently amended) The production well treating fluid according to claim 1 ~~or~~ 2, which further comprises at least one colloid-stabilizing agent with a content of 0.05-5% by weight.

12. (Previously Presented) The production well treating fluid according to claim 11, wherein said colloid-stabilizing agent is at least one selected from the group consisting of a hydroxyethyl cellulose, a biopolymer, a polymeric alcohol and a polysaccharide.

13. (Currently amended) The production well treating fluid according to claim 1 ~~or~~ 2, which has a zeta potential higher than 0 mv.

14. (Previously Presented) The production well treating fluid according to claim 1, which has a zeta potential in the range of +10 mv to +60 mv.

15. (Previously Presented) The production well treating fluid according to claim 1, which has a zeta potential in the range of +21 mv to +29 mv.

16. (Currently Amended) A method of preparing a production well treating fluid according to claim 1, which comprises:

mixing at least one cationic fluid loss additive, ~~the~~ at least one cationic viscosifier, ~~the~~ water, ~~the~~ an electrical stabilizing agent, a mud building agent, and optionally ~~with~~ adding at least one selected from the group consisting of ~~a mud-building agent~~ a colloid-stabilizing agent, a lubricant, an oil layer protective agent, and a weighting agent;

wherein the content of the cationic fluid loss additive is 0.05-5% by weight; the content of the cationic viscosifier is 0.05-5% by weight, and the content of the electrical stabilizing agent is 0.1-15% by weight;

said contents are all based on total weight of the production well treating fluid,

and wherein said electrical stabilizing agent is at least one selected from the group consisting of an inorganic salt of iron, an inorganic salt of aluminum, hydroxyaluminum and an organic cationic etherifying agent.

17. (Currently amended) A process of drilling and well completion, comprising:

applying the well treating fluid of claim 1 ~~or 2~~ as a drilling fluid during a drilling or well completion operation.

18. (Previously presented) The production well treating fluid according to claim 1, wherein said inorganic salt of iron is iron chloride or ferric sulfate, and said inorganic salt of aluminum is aluminum chloride or aluminum sulfate.